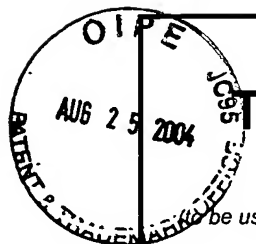


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



TRANSMITTAL FORM

to be used for all correspondence after initial filing)

<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>Application Number</p> <p>Filing Date</p> <p>First Named Inventor</p> <p>Group Art Unit</p> <p>Examiner Name</p> </div> <div style="width: 65%;"> <p>10/067,625</p> <p>February 4, 2002</p> <p>Hwu et al.</p> <p>2879</p> <p>Jason R. Phinney</p> </div> </div>		<p>Attorney Docket No.</p> <p>3070.INSY.PT</p>
<p>Total Number of Pages in This Submission (including this sheet)</p> <p>17</p>		

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AUG 30 2004

OFFICE OF PETITIONS

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Appeal Communication: <input type="checkbox"/> Appeal Notice <input type="checkbox"/> Appeal Brief <input type="checkbox"/> Reply Brief <input type="checkbox"/> Assignment with Cover Sheet <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Check in the amount of \$ <u>710.00</u> <input type="checkbox"/> Credit card authorization in the amount of \$ ____ <input type="checkbox"/> Declaration & Power of Attorney <input type="checkbox"/> Drawings ____ sheets <input type="checkbox"/> Formal <input type="checkbox"/> Informal	<input type="checkbox"/> Extension of Time Request ____ month <input checked="" type="checkbox"/> Fee Calculation Table <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Form 1449 <input type="checkbox"/> Copies of IDS References <input type="checkbox"/> Issue Fee Transmittal & Advance Order	<input type="checkbox"/> Maintenance Fee Transmittal ____ year <input type="checkbox"/> Missing Parts Response <input type="checkbox"/> Notification of Change of Attorney Address & Docket Number <input checked="" type="checkbox"/> Return Postcard <input checked="" type="checkbox"/> Revocation & Power of Attorney <input type="checkbox"/> Status Inquiry <input checked="" type="checkbox"/> Other: Petition for Revival of an Application for Patent Abandoned
<p>Remarks</p>		

SIGNATURE OF APPLICANT, ATTORNEY OR AGENT			
<p>Attorney for Applicant</p>	<p>Paul C. Oestreich, Registration No. 44,983 MORRISS O'BRYANT COMPAGNI, P.C. 136 South Main Street, Suite 700 Salt Lake City, Utah 84101 (801) 478-0071 telephone; (801) 478-0076 facsimile</p>		
<p>Signature</p>		<p>Date</p>	<p>08-23-04</p>

CERTIFICATE OF MAILING UNDER 37 CFR § 1.8			
<p>I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, on the date indicated below, in an envelope addressed to Mail Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.</p>			
<p>Typed or Printed Name <u>Paul C. Oestreich</u></p>			
<p>Signature</p>		<p>Date</p>	<p>08-23-04</p>

FEE TRANSMITTAL

for FY 2004

Patent fees are subject to annual revision.

AUG 25 2004

Completed

Application Number 10/067,625
 Filing Date February 4, 2002
 First Named Inventor Hwu et al.
 Examiner Name Jason R. Phinney
 Group Art Unit 2980
 Attorney Docket No. 3070.INSY.PT

RECEIVED

AUG 30 2004

OFFICE OF PETITIONS

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT \$710.00

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account

50-0881

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s)

☐ Charge fee(s) indicated below, except the filing fee to the above-identified

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					\$0.00

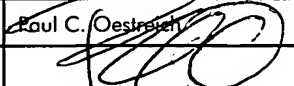
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Total Claims	Extra Claims	Fee from below	Fee Paid
Total Claims	27	-22	5 X 9.00	45.00
Independent			X	
Multiple Dependent			X	

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	86	2201	43	Independent claims in excess of 3	
1203	290	2203	145	Multiple dependent claim, if not paid	
1204	86	2204	43	**Reissue independent claims over original	
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					\$45.00

FEE CALCULATION (continued)

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive -unavoidable	
1453	1,330	2453	665	Petition to revive -unintentional	665.00
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR §1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify)					
*Reduced by Basic Filing Fee Paid					
SUBTOTAL (3)					\$665.00

Name (Print/Type)	Paul C. Oestrich	Registration No.	44,983	Telephone	(801) 478-0071
Signature		Date	08-23-04		



PATENT

Amot A
B
DP
12/17/04

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Hwu et al.
SERIAL NO.: 10/067,625
FILING DATE: February 4, 2002
TITLE: SOLID STATE VACUUM DEVICES
AND METHOD FOR MAKING
THE SAME
ART UNIT: 2879
EXAMINER: Jason R. Phinney
DOCKET NO.: 3070.INSY.PT
(formerly ISYS117880)

CERTIFICATE OF MAILING
UNDER 37 C.F.R. § 1.8

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Paul C. Oestreich

08-23-04
Date of Deposit

AMENDMENT RESPONSE

Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed October 3, 2003, please amend the above-referenced patent application as shown herein. A petition under 37 C.F.R. § 1.137(b) and fee pursuant to 37 C.F.R. § 1.17(m) for revival of an unintentionally abandoned patent application, is submitted herewith. Please also find a revocation and power of attorney with change of correspondence address and new attorney docket number submitted herewith.

11/23/2004 FFX02102 00000004 10067625

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45.00 0P